
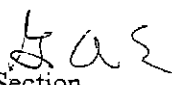




COMMONWEALTH OF PENNSYLVANIA
Department of Environmental Protection
July 26, 2012
484-250-5920

SUBJECT: Title V Operating Permit Review Memo (Administrative Amendment)
TVOP 23-00001
Administrative Amendment - Single Source Determination
Sun Company, Marcus Hook Refinery
Marcus Hook Borough, Delaware County
Application No. 23-00001
APS: 346700, Auth Id: 934938

To: James D. Rebarchak 
Regional Manager
Air Quality

From: George A Eckert 
Facility Permitting Section
Air Quality

Through: Janine Tulloch-Reid, PE 
Environmental Engineering Manager
Chief, Facilities Permitting
Air Quality

CC: Sachin Shankar, P.E. 
Environmental Engineering Manager
New Source Review
Air Quality

On July 23, 2012, the Department received an administrative amendment application to make a single source determination for Sunoco's Marcus Hook and Philadelphia refineries. The application included the submission of the proper fees and documents.

Department's Review:

For purposes of Prevention of Significant Deterioration, (PSD) a Single Source determination is made on a case-by-case basis with that takes into consideration the following three criteria - (1) common 2-digit Standard Industrial classification (SIC) Code, (2) Common Control of the same person/entity and (3) location is on one or more adjacent or contiguous properties. 40 C.F.R. § 52.21(b)(6).

For non-attainment New Source Review (NSR) purposes, Pennsylvania defines "facility" to mean "an air contamination source or combination of air contamination sources located on one or more contiguous or adjacent properties and which is owned and operated by the same person under common control." 25 Pa. Code §121.1.

These criteria must be met in order that two or more air contamination sources are aggregated as a single air contamination source.

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The table below summarizes the questions the Department asks and the responses of Marcus Hook and Philadelphia Refineries. The detailed information from Sunoco, Inc. pertaining to Marcus Hook and Philadelphia refineries can be found in the attachment to the Administrative Amendment application.

Criteria		Marcus Hook	Philadelphia Refinery
Common 2 digit SIC Code:	2911 – Manufacturing, Petroleum Refinery	Yes	Yes
Common Control as defined by Securities and Exchange Commission (SEC)	<p>Are they owned by the parent company?</p> <p>Do the facilities share common workforces, managers and/or other workers frequently shuttle back and forth to be involved actively in both facilities?</p>	<p>Yes, Sunoco Inc. is the parent company. This is verified semi-annually via submittal of Compliance History Forms to DEP.</p> <p>Yes, commercial supply team, manufacturing management, mobile maintenance workforce are some of the common workforce/workers shared between Marcus Hook and Philadelphia Refinery to maintain logistical and/or operational coordination between facilities.</p>	
Location is adjacent or contiguous	<p>Contiguous – Do they share the same property?</p> <p>Adjacent - Do they lie next to or in close proximity of each other?</p> <p><u>Case-by-case determination:</u> In spite of physical distance, is there interdependence of the facilities and/or functional interrelated ?</p>	<p>No</p> <p>No, 17 miles apart</p> <p>Yes. Connected via (1) intra-refinery pipeline for transfer of feedstock, intermediates and products; (2) via public rails and leased barges for gas oil; (3) materials are routinely transferred between the facilities; (4) production processes are split between the facilities; (5) employees frequently shuttle back and forth to be actively involved in both facilities; and (6) operations at one facility support or are essential to operations at the other facility.</p>	

The Department has determined, after thorough review, the Marcus Hook refinery and the Philadelphia Refinery will be treated as a “single source” for purposes of PSD because they

- ✓ Have a common 2 digit SIC code,
- ✓ Are commonly control by Sunoco, Inc. and share workforce/workers/managers between facilities
- ✓ Are not physically adjacent, however are functionally interrelated to each other.

Moreover, these facilities will also be treated as a “single source” for purposes of nonattainment NSR because they

- ✓ Are commonly control by Sunoco, Inc. and share workforce/workers/managers between facilities
- ✓ Are not physically adjacent, however are functionally interrelated to each other.

As a “single source, Marcus Hook and Philadelphia Refineries are subject to additional air quality permitting requirements under the NSR and Title V programs.

23-00001

The condition that has been added can be found in Section C, Site Level Requirements on page 42, Condition number #041. The condition reads as follows:

The air contaminant sources located in Sunoco's Marcus Hook refinery which are permitted under Title V operating permit No. 23-00001 and the air contaminant sources located in Sunoco's Philadelphia refinery which are permitted under Title V operating Permit NO. V95-038 shall be considered as a single facility for New Source Review (NSR), Prevention of Significant Deterioration (PSD) and Title V applicability purposes.

Recommendation – I recommend amending the Title V Operating Permit to address the above listed change.



23-00001

SUNOCO INC (R&M)/MARCUS HOOK REFINERY



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: November 18, 2008

Effective Date: August 7, 2012

Revision Date: August 7, 2012

Expiration Date: November 18, 2013

Revision Type: Amendment

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 23-00001

Federal Tax Id - Plant Code: 23-1743283-12

Owner Information

Name: SUNOCO INC
Mailing Address: PO BOX 426
MARCUS HOOK, PA 19061-0426

Plant Information

Plant: SUNOCO INC (R&M)/MARCUS HOOK REFINERY
Location: 23 Delaware County 23825 Marcus Hook Borough
SIC Code: 2911 Manufacturing - Petroleum Refining

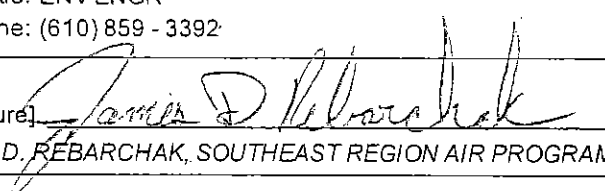
Responsible Official

Name: PAUL BRAUN
Title: ENV ENGR
Phone: (610) 859 - 3392

Permit Contact Person

Name: PAUL BRAUN
Title: ENV ENGR
Phone: (610) 859 - 3392

[Signature]


JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

August 7, 2012

Mr. Terry Soule
Director, Environmental Services & Policy
Sunoco, Inc. (R&M)
P.O. Box 426
Marcus Hook, PA 19061

Re: Application No. 23-00001
Sunoco - Marcus Hook Refinery
Administrative Amendment
Marcus Hook Borough
Delaware County
APS 346700, AUTH 934938

Dear Mr. Soule:

Enclosed, please find an amended Title V Operating Permit for Sunoco, Inc. (R&M), located in Marcus Hook Borough, Delaware County. All monitoring, recordkeeping, and reporting requirements shall begin on the effective date. Please include the permit number above with any correspondence to the Department of Environmental Protection (Department) concerning this Operating Permit.

The Department has amended your Title V Operating Permit to address insertion of Site Level Condition No. 041, dealing with a single source determination for Sunoco's Marcus Hook and Philadelphia Refineries.

Condition No. 024 of the General Title V Requirements, Section B of the subject Operating Permit requires you to submit the annual compliance certifications (the appropriate form is enclosed for your use) to the Environmental Protection Agency (EPA) Administrator as well as to the Department. The appropriate addresses are as follows:

Administrator
Enforcement Programs Section (3AT13)
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

Regional Air Quality Program Manager
Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

The following areas are addressed in your Title V Operating Permit concerning the sources and any noted control equipment at your facility:

- Restrictions
- Testing Restrictions
- Monitoring Requirements
- Recordkeeping Requirements
- Work Practice Standards
- Compliance Certification
- Reporting Requirements

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

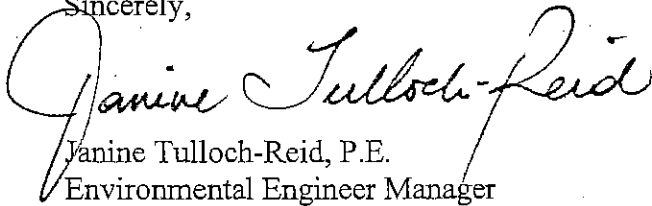
Mr. Terry Soule

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August 7, 2012

If you have any questions concerning the terms and conditions of this permit, please contact me at 484.250.7505.

Sincerely,

A handwritten signature in cursive script that reads "Janine Tulloch-Reid". The signature is written in dark ink and is positioned above the printed name and title.

Janine Tulloch-Reid, P.E.
Environmental Engineer Manager
Facilities Permitting Section
Air Quality

Enclosures

cc: Central Office
EPA -- Philadelphia
Philadelphia AMS
Mr. White
Mr. McLemore
Mr. Eckert
File No. 23-00001
Re 30 (GJS12AIR)208-20